Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 15 Mar 2023 until 23:59 on Thursday 16 Mar 2023

Forecast Issued on Wednesday 15 Mar 2023 at 02:31

Confidence: High for the cold start, then milder and unsettled from later Wednesday, but lowering confidence for the detail of cloud, regime transitions and snow levels.

Headline for Wednesday 15 Mar 2023: Dry bright start, then patchy snow developing from afternoon, turning to rain during evening, as southerly winds strengthen.

Mountain weather hazards on Wednesday 15 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Cloudy	Sleet	Heavy Rain	Heavy Rain
Precipitation probability					
<05%	10%	20%	60%	90%	90%

Forecast for Wednesday 15 Mar 2023

Weather: Largely dry with bright spells through the morning after a cold and frosty start. Cloud thickening and lowering from the west to bring patchy summit snow late afternoon, turning to rain through the evening with some heavy spells possible.

Chance of cloud-free hill tops above 600m: 90% plus becoming 60% early afternoon, 10-20% for the evening.

Low cloud and visibility: Good or very good becoming moderate or poor in later rain, very poor in snow and within cloud, with bases lowering 400-500m occasionally for afternoon, then widespread for the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 15 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/13 SW	15/19 SW	16/21 SW	15/20 S	19/27 SE	24/35 S	23/34 S
300	7/8 S	7/10 S	12/17 SW	11/17 S	17/28 SE	20/30 S	18/28 S
Valley	3/6 SE	4/10 S	8/16 SW	8/16 S	9/22 SE	12/26 S	10/25 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-7	-1/-7	1/-5	1/-5	2/-4	3/-4	4/-1
300	-0/-4	1/-2	4/-1	4/-0	3/-2	4/-1	6/1
Valley	-1/-3	2/-0	4/1	4/1	3/-0	4/1	6/3
Freezing Level*	00m	300m	500m	600m	1100m	1600m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Icy early. Hill fog becoming quite extensive late in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 15 Mar 2023	6.8mm	41.4mm	49.4mm

Forecast for Thursday 16 Mar 2023

Weather: Overcast with periods of rain at first, turning heavy at times, this combined with strong winds brings some difficult conditions. Improving for the afternoon and evening with a mix of showers and cloud breaks spreading from the west.

Maximum wind: South to southwest mean 25-30 mph with gusts reaching 40 mph at times across most exposed ridges and summits. Winds easing a little from the afternoon.

Chance of cloud-free hill tops above 600m: Close to nil, perhaps becoming 60% for the evening across eastern peaks.

Low cloud and visibility: Mostly poor visibility in rain, very poor within cloud, with bases extensive from 400m at first, occasionally so in the showery flow from evening.

Temperature: **Valleys:** Plus 6 Celsius increasing Plus 10 Celsius during the afternoon
At 600m: Plus 4 Celsius increasing Plus 7 Celsius during the afternoon
Freezing level: Above all peaks

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